

```

> paired <- pairwise(list(TR1, TR2),
+                    n = list(nTR1t2, nTR2t2),
+                    mean = list(Mt2TR1, Mt2TR2),
+                    sd = list(SDt2TR1, SDt2TR2),
+                    data = DATA1, studlab = studlab, sm= "SMD")

```

```

> #combine effect sizes in studies 11 and 168 (from IES subscales)

```

```

> paired<- paired[ !(paired$studlab %in% 11), ]

```

```

>
> studlab <- "11"
> treat1 <- "MBI"
> treat2 <- "WL"
> TE <- -0.4892
> seTE <- 0.2843
> age <- 51.80
> females <- 0.99
> income <- "high income"
> sample <- "civilian"
> self_exp <- "self-rated"
> n_TR1 <- 32
> n_TR2 <-39
> n_total <-71
> tr_size <- "small-moderate"
> analysis <- "ITT"
>
> B11 <- data.frame(studlab, treat1, treat2, TE, seTE=round(seTE, 2), age, females,
+                  income,sample, self_exp, n_TR1, n_TR2, n_total, tr_size, analysis)
> B11

```

	studlab	treat1	treat2	TE	seTE	age	females	income	sample	self_exp	n_TR1	n_TR2	n_total	tr_size
1	11	MBI	WL	-0.4892	0.28	51.8	0.99	high income	civilian	self-rated	32	39	71	small-moderate
	analysis													
1										ITT				

```

> paired<- paired[ !(paired$studlab %in% 168), ]

```

```

> studlab <- "168"

```

```

> treat1 <- "NET"
> treat2 <- "WL"
> TE <- -48.92
> seTE <- 0.5332
> age <- 55.73
> females <- 0.77
> income <- "lowmid"
> sample <- "civilian"
> self_exp <- "self-rated"
> n_TR1 <- 11
> n_TR2 <-11
> n_total <-22
> tr_size <- "very small"
> analysis <- "completers"
>
> Z168 <- data.frame(studlab, treat1, treat2, TE, seTE=round(seTE, 2), age,
+                   females, income, sample, self_exp, n_TR1, n_TR2, n_total, tr_size, analysis)
> Z168
  studlab treat1 treat2      TE seTE  age females income  sample  self_exp n_TR1 n_TR2 n_total  tr_size  analysis
1     168    NET     WL -48.92 0.53 55.73   0.77 lowmid civilian self-rated   11   11     22 very small completers

> data <- merge_all(list(paired, B11, Z168),
+                   by= c("studlab", "treat1", "treat2", "TE", "seTE", "age", "females", "income",
+                   "sample", "self_exp", "n_TR1", "n_TR2", "n_total", "tr_size", "analysis"), all.x=TRUE, all.y=TRUE)

> #for reasons of clarity and comprehensiveness I omit some variables that are irrelevant for the analysis
> #the 3-arm studies are purple

> dat1 <- subset(data, select = c(studlab, treat1, treat2, n1, mean1, sd1, n2, mean2, sd2, TE, seTE, age,
+                               females, severity, income, sample, arms, self_exp, n_total, tr_size, analysis))

> dat1<-dat1[order(dat1$studlab), ]
> dat1

```

	studlab	treat1	treat2	n1	mean1	sd1	n2	mean2	sd2	TE	seTE	age	females	severity	income
1	1	EMDR	WL	15	22.87	20.27	14	54.21	16.26	-1.65116388	0.4387386	36.54	0.76	clinical	lowmid
44	100	NET	WL	19	55.07	27.01	19	76.86	17.14	-0.94310177	0.3439769	29.40	0.31	clinical	high income
45	104	NET	PsEd	17	19.10	11.70	12	21.20	9.40	-0.18860625	0.3779770	32.85	0.62	clinical	lowmid
48	107	MBI	PsEd	68	46.90	18.20	66	55.20	15.30	-0.49022797	0.1754460	47.04	0.17	clinical	high income
47	107	PE	PsEd	68	50.60	18.50	66	55.20	15.30	-0.26905282	0.1735963	47.04	0.17	clinical	high income
46	107	PE	MBI	68	50.60	18.50	68	46.90	18.20	0.20049752	0.1719418	47.04	0.17	clinical	high income
78	11	MBI	WL	NA	NA	NA	NA	NA	NA	-0.48920000	0.2800000	51.80	0.99	<NA>	high income
49	110	PE	WL	40	14.90	11.09	25	23.28	11.26	-0.74224927	0.2636502	46.00	0.37	clinical	high income
50	112	CPT	WL	37	14.70	8.40	36	30.10	11.70	-1.49944555	0.2666139	NA	1.00	clinical	high income
51	113	EMDR	WL	27	11.80	12.00	24	29.60	8.60	-1.66257991	0.3287435	37.60	0.43	clinical	high income
52	114	MBI	WL	49	17.30	13.90	48	15.80	12.10	0.11411520	0.2032522	52.24	1.00	<NA>	high income
53	117	PE	PCT	11	30.00	18.40	15	53.60	28.70	-0.91672129	0.4202658	31.90	0.08	clinical	high income
54	118	PE	WL	32	40.63	18.57	46	53.89	11.77	-0.87978231	0.2412773	30.60	0.04	clinical	high income
55	119	MBI	WL	8	43.00	14.28	7	58.00	17.70	-0.88512746	0.5507044	44.89	0.10	clinical	high income
57	121	CPT	WL	62	13.66	11.05	47	27.77	8.12	-1.41563293	0.2166636	32.00	1.00	clinical	high income
58	121	PE	WL	62	17.99	13.17	47	27.77	8.12	-0.86096595	0.2023201	32.00	1.00	clinical	high income
56	121	CPT	PE	62	13.66	11.05	62	17.99	13.17	-0.35399961	0.1810523	32.00	1.00	clinical	high income
59	123	CPT	CT	53	13.98	11.77	47	12.89	12.06	0.09084040	0.2004681	35.40	1.00	clinical	high income
60	128	REL	WL	47	59.65	26.80	33	62.70	24.25	-0.11714766	0.2273100	53.14	0.12	mixed	high income
62	130	PE	WL	20	8.70	11.87	20	36.95	20.89	-1.62975220	0.3699038	33.80	1.00	clinical	high income
63	130	EMDR	WL	20	15.50	17.12	20	36.95	20.89	-1.10082538	0.3417642	33.80	1.00	clinical	high income
61	130	PE	EMDR	20	8.70	11.87	20	15.50	17.12	-0.45244747	0.3206843	33.80	1.00	clinical	high income
64	131	EMDR	WL	10	12.40	11.20	8	45.40	6.40	-3.34119701	0.7886688	34.22	1.00	clinical	high income
65	140	MBI	WL	11	26.00	6.91	10	32.50	15.01	-0.54342768	0.4467261	28.60	0.00	<NA>	high income
67	142	PE	WL	63	11.02	11.19	93	22.14	13.09	-0.89527049	0.1710591	38.64	0.53	mixed	high income
68	142	CT	WL	40	11.56	10.47	93	22.14	13.09	-0.85051572	0.1963547	38.64	0.53	mixed	high income
66	142	PE	CT	63	11.02	11.19	40	11.56	10.47	-0.04909318	0.2022008	38.64	0.53	mixed	high income
69	143	EMDR	WL	8	21.25	15.53	9	42.61	14.84	-1.33680749	0.5518407	39.83	0.94	subclinical	high income
70	144	EMDR	WL	12	29.80	18.90	12	42.70	14.40	-0.74132022	0.4246934	39.06	0.88	subclinical	high income
71	148	CPT	PCT	52	51.39	2.02	34	57.89	2.18	-3.09059239	0.3268676	46.10	0.85	clinical	high income
6	15	PE	WL	30	31.50	27.30	30	55.90	23.10	-0.95237809	0.2734162	35.43	0.58	subclinical	high income
7	15	CT	WL	30	43.00	27.60	30	55.90	23.10	-0.50030018	0.2624864	35.43	0.58	subclinical	high income
5	15	PE	CT	30	31.50	27.30	30	43.00	27.60	-0.41349654	0.2611353	35.43	0.58	subclinical	high income
72	152	PE	REL	27	47.00	18.91	35	58.13	12.20	-0.71046089	0.2644906	65.00	0.00	clinical	high income
73	156	MBI	PsEd	32	51.49	24.09	32	63.75	28.81	-0.45607449	0.2534396	42.90	1.00	clinical	high income
74	158	EMDR	WL	12	16.80	6.20	17	28.50	8.90	-1.43730275	0.4282228	NA	NA	mixed	high income
8	16	EMDR	REL	20	27.70	14.55	22	29.73	16.37	-0.12823098	0.3093066	40.11	0.81	clinical	high income
75	160	MBI	REL	27	50.70	3.90	25	54.20	12.10	-0.38985808	0.2803895	52.77	0.07	clinical	high income
76	162	PE	WL	10	18.30	13.31	10	39.20	8.85	-1.77106534	0.5455775	41.55	0.38	clinical	high income
77	167	NET	WL	10	17.00	6.72	10	54.70	10.81	-4.01171405	0.8372896	52.20	0.95	clinical	lowmid
79	168	NET	WL	NA	NA	NA	NA	NA	NA	-48.92000000	0.5300000	55.73	0.77	<NA>	lowmid
9	17	EMDR	REL	10	35.20	22.00	13	44.50	17.40	-0.45957354	0.4271577	49.42	0.00	clinical	high income

2	2	EMDR	WL	37	21.36	2.76	33	59.01	3.01	-12.92662132	1.1498133	33.68	0.74	clinical	lowmid
10	26	CT	WL	29	21.80	14.40	29	33.40	11.60	-0.87524281	0.2757729	43.90	0.40	clinical	high income
11	28	CT	WL	28	8.30	9.80	27	22.60	11.60	-1.31488490	0.2994689	NA	NA	clinical	high income
12	29	CT	WL	14	10.30	8.90	14	29.80	8.40	-2.18776147	0.4922632	36.60	0.54	clinical	high income
13	30	CT	WL	31	9.39	10.88	30	29.24	9.36	-1.92854548	0.3133407	39.19	0.59	clinical	high income

	sample	arms	self_exp	n_total	tr_size	analysis
1	refugees	2	self-rated	29	very small	completers
44	refugees	2	clinician-rated	38	very small	ITT
45	refugees	2	self-rated	29	very small	ITT
48	vetmil	3	self-rated	134	large	ITT
47	vetmil	3	self-rated	134	large	ITT
46	vetmil	3	self-rated	136	large	ITT
78	civilian	2	self-rated	71	small-moderate	ITT
49	civilian	2	clinician-rated	65	very small	ITT
50	civilian	2	self-rated	73	small-moderate	ITT
51	civilian	2	self-rated	51	very small	completers
52	civilian	2	self-rated	97	small-moderate	completers
53	vetmil	2	clinician-rated	26	very small	completers
54	vetmil	2	self-rated	78	small-moderate	completers
55	vetmil	2	self-rated	15	very small	completers
57	civilian	3	self-rated	109	small-moderate	ITT
58	civilian	3	self-rated	109	small-moderate	ITT
56	civilian	3	self-rated	124	large	ITT
59	civilian	2	self-rated	100	small-moderate	ITT
60	vetmil	2	clinician-rated	80	small-moderate	ITT
62	civilian	3	self-rated	40	very small	completers
63	civilian	3	self-rated	40	very small	completers
61	civilian	3	self-rated	40	very small	completers
64	civilian	2	self-rated	18	very small	completers
65	vetmil	2	self-rated	21	very small	ITT
67	civilian	3	self-rated	156	large	ITT
68	civilian	3	self-rated	133	small-moderate	ITT
66	civilian	3	self-rated	103	small-moderate	ITT
69	civilian	2	self-rated	17	very small	completers
70	civilian	2	self-rated	24	very small	completers
71	vetmil	2	self-rated	86	small-moderate	ITT
6	civilian	3	clinician-rated	60	small-moderate	ITT
7	civilian	3	clinician-rated	60	small-moderate	ITT
5	civilian	3	clinician-rated	60	small-moderate	ITT
72	vetmil	2	self-rated	62	small-moderate	completers
73	civilian	2	self-rated	64	small-moderate	ITT
74	civilian	2	clinician-rated	29	very small	completers

8	civilian	2	self-rated	42	very small	completers
75	vetmil	2	self-rated	52	very small	completers
76	civilian	2	self-rated	20	very small	completers
77	civilian	2	self-rated	20	very small	completers
79	civilian	2	self-rated	22	very small	completers
9	vetmil	2	self-rated	23	very small	completers
2	refugees	2	self-rated	70	small-moderate	ITT
10	mixed	2	self-rated	58	very small	ITT
11	civilian	2	self-rated	55	very small	completers
12	civilian	2	self-rated	28	very small	ITT
13	civilian	2	self-rated	61	small-moderate	ITT

[reached 'max' / getOption("max.print") -- omitted 32 rows]

```
> mn1 <- netmeta(TE, seTE, treat1, treat2, studlab, data=dat1, sm="SMD", comb.random=TRUE)
```

Error: Problems in multi-arm studies!

- Studies with inconsistent treatment estimates: '107', '121', '130', '142', '15', '34', '87'
- Please check original data used as input to netmeta().
- For more details, re-run netmeta() with argument details.chkmultiarm = TRUE.
- Argument 'tol.multiarm' in netmeta() can be used to relax consistency assumption for multi-arm studies (if appropriate).

In addition: Warning message:

Note, treatments within a comparison have been re-sorted in increasing order.

```
>
```